

**Confidential**



Scientific and Technical  
Intelligence Committee

*Intelligence Priorities for the  
Sciences and Technologies*

**Confidential**

STIC 75-3  
September 1975

THE SCIENTIFIC AND TECHNICAL INTELLIGENCE COMMITTEE IS  
COMPRISED OF REPRESENTATIVES OF:

The Central Intelligence Agency	The Treasury Department
The Defense Intelligence Agency	The Department of State
The National Security Agency	The Department of Army
Defense Advanced Research Projects Agency	The Department of Navy
Energy Research and Development Administration	The Department of Air Force
The Department of Commerce	

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# INTELLIGENCE PRIORITIES FOR THE SCIENCES AND TECHNOLOGIES

STIC 75-3

September 1975

SCIENTIFIC AND TECHNICAL  
INTELLIGENCE COMMITTEE

## PREFACE

The prime responsibility of the Scientific and Technical Intelligence Committee (STIC) of USIB is the coordination of intelligence community activity in a wide range of sciences and technologies. Specifically, the STIC is concerned with those life sciences, physical sciences, and technologies which could in the near or long term affect significantly the national security or national welfare of the United States. The STIC is involved with both collection and production activity. It seeks to stimulate and guide collection efforts on foreign sciences and technologies which could lead to a significant qualitative improvement in existing weapon systems or could lead to an entirely new system based on novel technical means. Similarly, the STIC seeks to stimulate and guide intelligence production within the intelligence community in the areas of its concern and itself produces a number of reports presenting community views on selected topics. In addition, the STIC is concerned with foreign advanced technologies which could lead to significant developments in the civil area where an economic advantage over the United States might be gained by a foreign country.

The STIC is not responsible for coordination of intelligence community activities in the economic, nuclear, or current weapon system arenas. Such activities are the responsibilities of other USIB committees. Because of some areas of overlap, certain STIC work is closely coordinated with these other committees.

The areas within the life sciences, physical sciences and technologies of STIC responsibility are large in number and far beyond any hope of adequate intelligence community coverage. Thus, one of the initial and major undertakings of the STIC was to address the problem of determining those areas of most significance for *national* intelligence. This activity takes cognizance of, and relates to, the DCI's Perspectives for Intelligence 1975-1980, his Substantive Objectives for the Intelligence Community, DCID 1/2—US Intelligence Objectives and Priorities, and the Key Intelligence Question (KIQ) system. The result of the STIC work is presented in the form of a display which presents the areas and subareas of greatest significance in three priority groupings. The STIC recognizes that not *every* aspect of a Priority I item is of highest priority, and similarly some aspects of Priority II and III items may be of higher priority than their overall grouping. The purpose of the display is to bring into focus those areas of national intelligence which generally should be considered by management in its apportionment of resources for both collection and production.

The criteria adopted by the STIC in evolving this display included the following:

- issues must transcend individual organizational interests—they must be national in character;
- the majority of the participating STIC members must be in agreement that the technical issue selected represents national interests;
- ordering of the issues in one of three groups reflects the current degree of importance ascribed to the issue.


A number of items judged to be of great importance by individual departments or agencies were excluded. It remains the prerogative of each agency or department to identify and apply resources to items important to its own mission but which would not in the opinion of the STIC qualify as items of national interest.

This display is dynamic and will change with time; thus, items in Group III may be slighted only at the peril of being unable to answer questions regarding them if they should in the near future come to the fore in Groups I or II. In fact a large number of additional areas could be listed as "Group IV" and some resources are and should be devoted to them. This display will be updated at least annually.

The STIC approved this display on 7 August 1975 and solicits comments on its content and format through its Executive Secretary, 6F35, CIA Headquarters Building, [REDACTED]. Additional copies may be obtained through the secretariat.

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Chairman  
Scientific and Technical Intelligence Committee

SCIENTIFIC AND TECHNICAL INTELLIGENCE COMMITTEE  
INTELLIGENCE PRIORITIES STRUCTURE FOR  
THE SCIENCES AND TECHNOLOGIES

**Priority I**

ASW Technology  
Command, Control and Communications  
Energy Technology  
Guidance and Control Technology  
S&T Strategies and Policies  
Unconventional Technology and Future  
Weapons Systems

**Priority II**

Computers and Computer Sciences  
Electronics  
Food and Population  
Industrial Production Technology  
Life Sciences  
Materials and Structures  
Propulsion  
Sensor Technology  
Transportation

**Priority III**

Earth Sciences  
Geodesy and Gravimetry  
Physical and Engineering Sciences  
R&D Resources and Management  
Space Sciences

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MEMORANDUM FOR: Exec Secy/USIB

Bruce:

Hank worked this out  
with [redacted] yesterday.

[redacted] is doing a memo  
to The Director on this.

AL

10/10  
(DATE)

FORM NO. 101 REPLACES FORM 10-101  
1 AUG 54 WHICH MAY BE USED.

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DCI/DDCI  
Routing Slip

D/DCI/IC

TO:

75-8810

		ACTION	INFO.			ACTION	INFO.
1	DCI			11	LC		
2	DDCI			12	IG		
3	S/MC			13	Compt		
4	DDS&T			14	Asst/DCI		
5	DDI			15	AO/DCI		
6	DDM&S			16	Ex/Sec		
7	DDO			17			
8	D/DCI/IC	✓		18			
9	D/DCI/NIO			19			
10	GC			20			

SUSPENSE

Date

Remarks:

Shouldn't we put  
this on USIB  
agenda for notation  
& possible argument?

Q

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DCI/DDCI

10/2/75

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UNCLASSIFIED		CONFIDENTIAL		SECRET	
OFFICIAL ROUTING SLIP					
TO	NAME AND ADDRESS			DATE	INITIALS
1	Director of Central Intelligence				
2					
3					
4					
5					
6					
ACTION		DIRECT REPLY		PREPARE REPLY	
APPROVAL		DISPATCH		RECOMMENDATION	
COMMENT		FILE		RETURN	
CONCURRENCE		INFORMATION		SIGNATURE	
Remarks:					
<p>Attached is a copy of the STIC report which you requested during the Pre-USIB meeting on 16 September. I hope you will find the report of value.</p> <div style="border: 1px solid black; width: 150px; height: 40px; margin: 10px auto;"></div>					
FOLD HERE TO RETURN TO SENDER					
FROM: NAME, ADDRESS AND PHONE NO.				DATE	
Chrmn, SIC 5F19				17 Sep	
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3 OCT 1975

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IC REGISTRY ROUTING SLIP

Office	Init.	Date
3 D/DCI/IC		
2 AD/DCI/IC	ren	10/3
1 EO	M	10/3
SA/D/DCI/IC		
PD/Plans		
CS		
MPRRD		
PRD		
CPAD		
HUMINT Br.		
3 USIB Sec.		
Sec Comte		
IHC		
SIGINT Comte		
COMIREX		
4 IC Registry		
ACTION OFFICE		
SUSPENSE DATE		
IC Staff received _____ cys - furn offices circled.		

COMMENTS:

1-2 *mtg him Monday 10/6/75*  
 Hank:  
 Do you want to take this  
 up with [redacted]

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*al*

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1-2 ~~1-2~~  
 I discussed this with [redacted]  
 He is sending copy to [redacted]  
 who is commenting. [redacted] has  
 reservation about bringing this  
 up at USIB and will mention  
 this to you at your meeting  
 with him Monday.

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*Hold for Monday meeting*